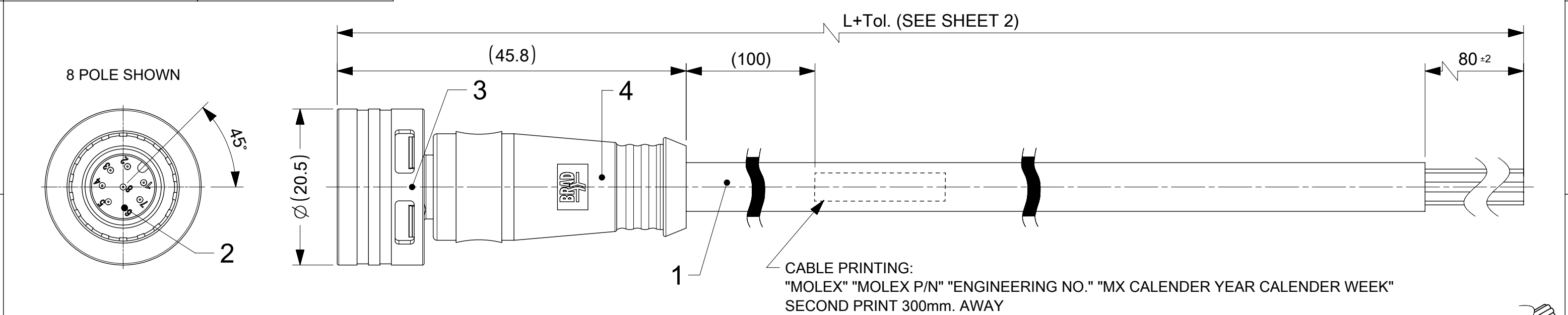
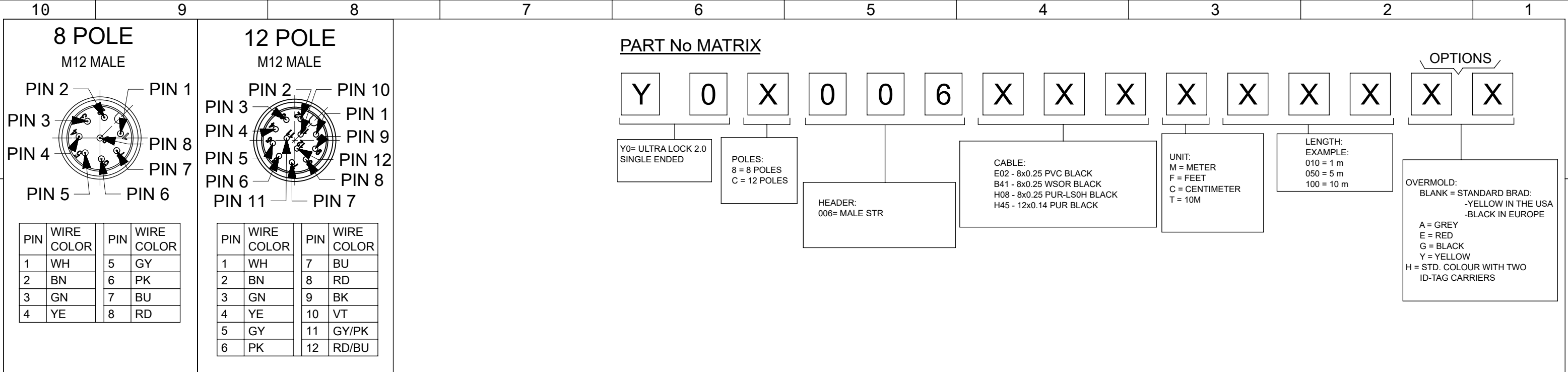




NOTES:

1. PARTS ACC. TO PRODUCT SPECIFICATION 1204000001 PS P10 AND IN STYLE OF IEC-61076-2-010

2. BOM & PART LIST - SEE SHEET 2

3. RATED VOLTAGE :
8, 12 CONTACTS: 30V AC OR DC
RATED CURRENT:
8 CONTACTS: 2A
12 CONTACTS: 1.5A,
DERATING HAS TO BE CONSIDERED
OVERVOLTAGE CATEGORY: 3
POLLUTION DEGREE: 3, ONLY IN MATED AND LOCKED CONDITION

4. PROTECTION CLASS: IP 67, ONLY IN MATED AND LOCKED CONDITION

5. TEMPERATURE RANGE:
TEMPERATURE PLUG/SOCKET: -40 °C TO +85 °C
TEMPERATURE CABLE: SEE CABLE LIST

6. MECHANICAL OPERATIONS: 100 CYCLES

7. MATES WITH ULTRA-LOCK M12 FEMALE RECEPTACLES

8. PACKAGING: THE CORDSETS ARE SINGLE PACKED IN PLASTIC BAGS AND DELIVERED IN CARTON BOXES

9. UL CSA FILE REGISTRATION PENDING

FOR EXAMPLE: MOLEX 1204000061 Y05006E03M010 MX2038

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
	DIMENSION UNITS	SCALE
	mm	2:1
	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	ANGULAR TOL	± 1.0 °
DIVISIONAL SYMBOLS	4 PLACES	±
	3 PLACES	±
	2 PLACES	± 0.05
	1 PLACE	± 0.3
	0 PLACES	± 0.5
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
	THIRD ANGLE PROJECTION	DRAWING
		A3-SIZE
	SERIES	120400
	MATERIAL NUMBER	SEE SHEET 2
	CUSTOMER	GENERAL MARKET
	SHEET NUMBER	1 OF 2

EC NO: 736602
DRWN: RSCHIEBER
CHK'D: RSILLER
APPR: RSILLER

2023/01/24
2023/01/31
2023/01/31

INITIAL REVISION:
DRWN: JELIZAINCIN
APPR: RSILLER

2021/01/14
2022/10/14

DOCUMENT NUMBER
1204000116

DOC TYPE
PSD

DOC PART
000

REVISION
A1

10	9	8	7	6	5	4	3	2	1
PART LIST									
MOLEX NO.	ENGINEERING NO.	LENGHT (MM)	MOLEX NO.	ENGINEERING NO.	LENGHT (MM)	MOLEX NO.	ENGINEERING NO.	LENGHT (MM)	
1204000116	Y08006E02M010	1000							
1204000117	Y08006E02M020	2000							
1204000118	Y08006E02M050	5000							
1204000119	Y08006E02M100	10000							
1204000120	Y08006B41M010	1000							
1204000121	Y08006B41M020	2000							
1204000122	Y08006B41M050	5000							
1204000123	Y08006B41M100	10000							
1204000124	Y08006H08M010	1000							
1204000125	Y08006H08M020	2000							
1204000126	Y08006H08M050	5000							
1204000127	Y08006H08M100	10000							
1204000128	Y0C006H45M010	1000							
1204000129	Y0C006H45M020	2000							
1204000130	Y0C006H45M050	5000							
1204000131	Y0C006H45M100	10000							

CABLE LENGTH TOLERANCES	
LENGTH	TOLERANCE
0m-1m	+40 mm
>1m-5m	+60 mm
>5m-10m	+80 mm
>10m-20m	+140 mm
>20m-30m	+160 mm
>30m	+1% length

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
	DIMENSION UNITS		SCALE		CURRENT REV DESC: NOTES AND CABLE LIST UPDATED					molex CSE U12 8-12P AC MA STR XM SE UNSH BK									
	mm		1:1																
	GENERAL TOLERANCES (UNLESS SPECIFIED)																		
	ANGULAR TOL ± 1.0 °																		
	4 PLACES		±																
DIVISIONAL SYMBOLS	3 PLACES		±		EC NO: 736602 DRWN: RSCHIEBER CHK'D: RSILLER APPR: RSILLER					2023/01/24 2023/01/31 2023/01/31									
	2 PLACES		± 0.05																
	1 PLACE		± 0.3																
	0 PLACES		± 0.5																
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													INITIAL REVISION: DRWN: JELIZAINCIN APPR: RSILLER					2021/01/14 2022/10/14
THIRD ANGLE PROJECTION																			
DRAWING		SERIES																	
A3-SIZE		120400																	
										DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
										1204000116				PSD		000		A1	
										MATERIAL NUMBER			CUSTOMER			SHEET NUMBER			
										SEE PART LIST			GENERAL MARKET			2 OF 2			